

4. (Currently Amended) A personnel safety system, comprising:
a portable proximity sensor, wherein said proximity sensor is a microwave ~~infrared~~
impulse (MIR) sensor;
said proximity sensor being self-contained within a portable housing unit and comprising
an electrical power source, a signaling device and means for operatively coupling electrical
power from the power source to the proximity sensor and to the signaling device;
said proximity sensor being portably placed near or within a personnel safety zone, said
proximity sensor not being mounted to a mobile working machine nor fitted to a person; and said
proximity sensor being adapted to alert a person within said safety zone, via said signaling
device, of an intrusion into the safety zone.
5. (Cancelled)
6. (Previously presented) The safety system of Claim 4 wherein there is a plurality of
proximity sensors.
7. (Previously presented) The safety system of Claim 4 wherein the signaling device is a
combination warning light and horn.